

From: [Robert Neely](#)
To: [Bob Dexter](#); [Jennifer Peers](#); [Jeremy Buck](#); [Tom Downey](#)
Cc: [Eric Blischke/R10/USEPA/US@EPA](#)
Subject: Re: archived LWG samples
Date: 04/14/2009 04:45 PM
Attachments: [robert_neely.vcf](#)

Hey -- Eric called me today. This might come up on tomorrow's manager's call. If so, he's going to call my cell phone and have me dial in. Based on Gene's response, I'm assuming we'd want to proceed as follows:

Sculpin -- at a minimum, retain the samples used for composites. Do not retain the samples that are out of compliance for temperature exceedances (205 out of 371). Not sure on the fish that more than 100 ft from the shoreline. I assume that's about 140ish samples. Thoughts?

Carp -- retain all samples

Round 1 salmon -- retain all samples

Gene Revelas wrote:

> Hi Rob -
>
> I apologize for the delay in getting back to you but our responses to
> your questions regarding the archived tissue samples are provided
> below in blue. Please don't hesitate to contact me if you have
> follow-up questions.
>
> Thanks,
> Gene
>
> *Gene Revelas* n Senior Managing Scientist
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>
> -----Original Message-----
>
> From: Robert Neely [<mailto:Robert.Neely@noaa.gov>]
>
> Sent: Monday, March 30, 2009 3:35 PM
>
> To: Keith Pine; Gene Revelas
>
> Cc: Bob Dexter; Eric Blischke; Jennifer Peers; Jeremy Buck; Tom Downey
>
> Subject: archived LWG samples
>
> Hey Gene and Keith,
>
> The trustees have been looking over the archived sample inventory sheets
> provided to us a couple of weeks ago. Those are helpful, by the way.
>
> Thanks for pulling all of that information together.
>
> Anyway, we've determined that the samples we're interested in retaining
> include (from round 1) sculpin, chinook, and carp.
>
> We have a few questions. If you could answer these it would help us
>
> better assess transport and storage options, etc.
>
> 1) Sculpin -- there are 26 composited sculpin samples in the database
> for round 1. However, the archive inventory sheet for round 1 biota
> lists a total of about 375 individual sculpin samples (in Olympia).
> Weren't all of these individuals used in the compositing and, if so,
> why are there so many samples remaining?
>
> These individual sculpin archived in Olympia were not used in the
> sample composites for several reasons. Most of these sculpin (205 out
> of 371 or 55%) are labeled as unusable for chemical analysis because
> they are "out of temperature compliance for 17.5 hrs". The "out of
> temperature compliance" incident coincided with the shipment of 21
> sculpin composite samples to the laboratory for chemical analyses on
> November 20, 2002. During the preparation of the sculpin specimens
> selected for compositing for shipment, the specimens in question were
> set aside in a cooler during fish sorting. These samples were
> inadvertently left out of the freezer for 17.5 hours by the field lab
> crew (overnight and until noticed).
>
> The remaining uncomposited samples in archive were not used for
> various technical reasons (e.g., the sampling station was dropped
> after some sampling due to insufficient biomass to create a
> composite), but most of the remaining fish were collected from areas
> greater than 100 ft from the shoreline and so were not accepted as
> part of a target composite. This 100 ft from the shoreline criteria

> was developed in consultation with EPA after the initiation of the
> Round 1 sampling program and after these fish were collected.
>
> 2) Similar question for crayfish (which we do not want to retain) --
> 27 crayfish samples in the database but 227 reported as in storage.
>
> The crayfish samples were not used for the composites because of the
> 100ft shoreline criteria noted above for sculpin and some other
> miscellaneous reasons (e.g., sampling station dropped - not enough
> biomass for a composite).
>
> 3) The Round 1 biota sheet includes the species codes "WE" and "YB".
> What are these? Were they analyzed?
>
> WE = walleye and YB = yellow bullhead. They were not analyzed.
>
> Feel free to reply by email or call me directly if you need
> clarification on the questions.
>
> Thanks,
>
> R
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> --
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